

# Morbidity and Mortality

Weekly Report

PUBLIC HEALTH SERVICE

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the COMMUNICABLE DISEASE CENTER MELrose 4-5131

For release February 17, 1961

Atlanta 22, Georgia

Vol. 10, No. 6

## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended February 11, 1961

**Influenza** - Although epidemic influenza continues to occur in Great Britain (see International Notes, page 8), there have been no reports of influenza activity within the United States. The number of deaths due to influenza and pneumonia are within normal limits for the season (see graph, page 2).

**Hepatitis** - Continues at high level of incidence; total reported cases this week (1,639) does not include figures from Tennessee, which reported 161 cases last week.

### EPIDEMIOLOGICAL REPORTS

#### Hepatitis - Mississippi

Dr. Archie L. Gray, Secretary and Executive Officer, Mississippi State Board of Health, reports an outbreak of infectious hepatitis in Pascagoula, Mississippi traced to the consumption of raw oysters. Since January 1, a total of 32 cases has occurred in a population of approximately 17,500 persons. All but two were jaundiced. The incidence increased during the month to a peak of 12 cases in the week ending February 4. They were widely distributed

Table 1. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports through previous week)

Disease (Seventh Revision of International Lists, 1955)	6th Week			Cumulative						Approximate seasonal low point	
	Ended Feb. 11, 1961	Ended Feb. 13, 1960	Median 1956-60	First 6 weeks			Since seasonal low week				
				1961	1960	Median 1956-60	1960-61	1959-60	Median 1955-56 to 1959-60		
* Weekly incidence low or sporadic											
--- Data not available											
- Quantity zero											
Anthrax-----062	-	-	*	-	-	*	*	*	*	*	*
Botulism-----049.1	-	-	*	4	3	*	*	*	*	*	*
Brucellosis (undulant fever)----044	10	20	16	50	91	77	*	*	*	*	
Diphtheria-----055	13	12	18	129	127	132	709	657	871	July 1	
Encephalitis, infectious-----082	19	23	18	130	156	118	130	156	118	Jan. 1	
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,639	688	486	9,576	4,300	3,009	24,779	12,252	7,921	Sept. 1	
Malaria-----110-117	2	1	*	3	6	*	*	*	*	*	
Measles-----085	10,668	9,275	11,482	53,384	50,630	55,877	89,594	88,044	88,353	Sept. 1	
Meningitis, aseptic-----340 pt.	28	22	---	141	181	---	141	181	---	Jan. 1	
Meningococcal infections-----057	48	47	60	317	320	328	971	978	1,132	Sept. 1	
Polio myelitis-----080	6	12	17	64	128	130	3,130	8,402	8,402	Apr. 1	
Paralytic-----080.0,080.1	3	9	12	36	90	93	2,145	5,591	5,591	Apr. 1	
Nonparalytic-----080.2	2	2	4	13	20	18	636	2,137	2,137	Apr. 1	
Unspecified-----080.3	1	1	1	15	18	19	349	674	674	Apr. 1	
Psittacosis-----096.2	1	-	*	5	7	*	*	*	*	*	
Rabies in man-----094	-	-	*	2	-	*	*	*	*	*	
Streptococcal sore throat, including scarlet fever-----050,051	9,005	8,991	---	52,597	51,340	---	150,249	---	---	Aug. 1	
Typhoid fever-----040	5	11	20	41	51	93	743	776	1,105	Apr. 1	
Typhus fever, endemic-----101	-	-	*	4	3	*	*	*	*	*	
Rabies in animals-----	72	94	94	326	469	535	902	1,449	1,449	Oct. 1	

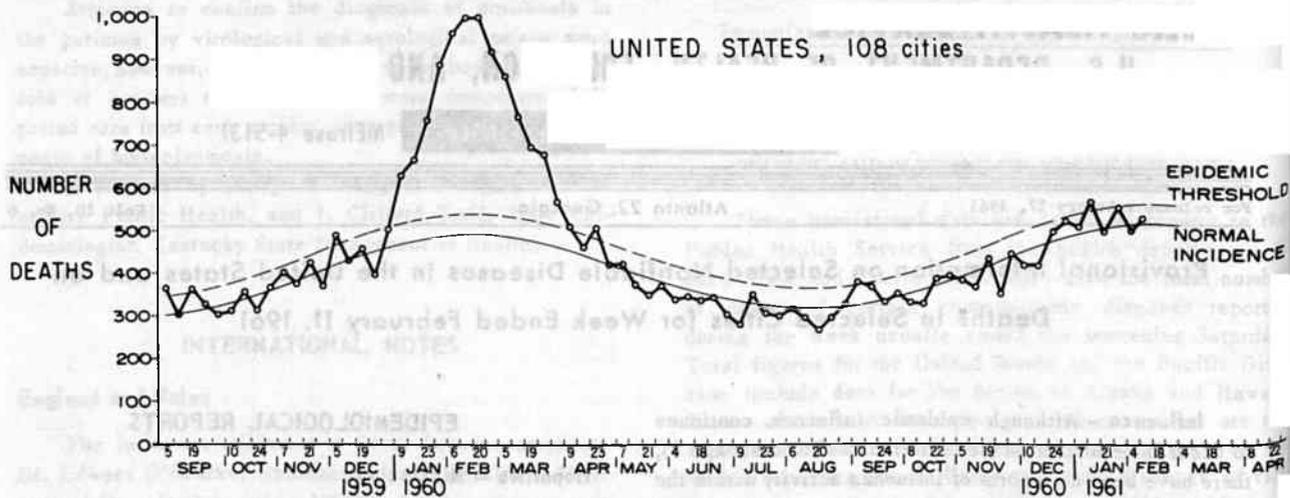
Figures for current week exclude missing reports from Arizona and Tennessee (State holiday)

COMMUNICABLE DISEASE CENTER

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ATLANTA 22, GEORGIA

## WEEKLY PNEUMONIA AND INFLUENZA DEATHS



The graph shows current pneumonia-influenza deaths reported weekly in 108 United States cities in comparison with the expected number of deaths.\* No excess has occurred in recent weeks. Total deaths (see table 3) are also at normal levels. During the first six weeks of 1961 there has been a decrease of 4,872 deaths (or 6.1 percent) in 117 United States cities in comparison with deaths during the same period in 1960 when influenza epidemics were widespread.

(\*The procedure for calculating expected levels is described in a mimeographed publication available on request to the Statistics Section, Epidemiology Branch, CDC).

throughout the city without apparent focal concentrations. Most of the cases were in adults, 24 of 32 being 15 years of age or older. Careful food eating histories revealed that 27 of the cases had eaten raw oysters from 20 to 40 days prior to onset. While oysters are a common article of food in this area, the eating of raw oysters is uncommon.

Attempts to trace the source revealed that 19 of the cases were associated with oysters packed in pint containers by one group of distributors who contributed only a small fraction of the total fresh oysters sold in the city. Investigation of the source of contamination of those oysters is in progress. There has been no evidence to incriminate oysters from other sources or other distributors. The outbreak has been studied and is under continuing study by State and local health department personnel of Mississippi as well as the Communicable Disease Center and the Division of Milk, Food, Interstate, and Community Sanitation of the U. S. Public Health Service.

#### Trichinosis - low

Dr. Ralph Heeren, Director, Division of Preventable Diseases, Iowa State Department of Health, reported an outbreak of 18 cases of trichinosis during December and January distributed among five counties and related to the consumption of uncooked home prepared pork sausage. The clinical manifestations varied from mild to severe and included nausea, abdominal pain, diarrhea, periorbital edema, headache, dizziness, disturbed vision, myalgia,

weakness, chills, fever and sweats. Eosinophilia ranged from 3 to 43 percent. The diagnosis was substantiated by serologic means. Nine cases were male and nine female, and ages ranged from 2 to 74 years. Five persons who ate small quantities of raw sausage which had been frozen for a period of two weeks did not become ill.

The sources of the pork and beef used in the sausage were three large packing companies. The meat, which was ground, seasoned, packed in natural casings, and smoked for six days, was then eaten uncooked between December 8 and 26.

The sausage samples examined at the State Hygienic Laboratory contained *Trichinella spiralis*, with the average number of parasites per gram of sausage varying from 0.4 to 4.6.

**Correction** - Hale County, Texas, Diphtheria Epidemiological Report (Vol. 10, No. 1): Only 10 isolates from diphtheria cases occurring in the county have thus far been typed. Of these, one was *mitis*, and the other nine were *intermedius*. All isolates from Plainview have been of the latter type.

#### INTERNATIONAL NOTES

##### England and Wales

Epidemic influenza this week accounted for 1,219 deaths, almost doubling the total of last week (699), while

(Continued on page 8)

# Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 13, 1960 AND FEBRUARY 11, 1961

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Poliomyelitis 080										Menin- gitis, aseptic 340 pt.	Brucel- losis (undul- ant fever) 044
	Total (includes cases not specified by type)				Paralytic 080.0,080.1				Nonparalytic			
	6th Week		Cumulative, first 6 weeks		6th Week		Cumulative, first 6 weeks		080.2			
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960		
UNITED STATES-----	6	12	64	128	3	9	36	90	2	2	28	10
NEW ENGLAND-----	-	-	-	5	-	-	-	5	-	-	1	-
Maine-----	-	-	-	1	-	-	-	1	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	-	-	4	-	-	-	4	-	-	1	-
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	-	4	6	26	-	4	5	18	-	-	-	-
New York-----	-	3	2	24	-	3	1	16	-	-	-	-
New Jersey-----	-	1	-	2	-	1	-	2	-	-	-	-
Pennsylvania-----	-	-	4	-	-	-	4	-	-	-	-	-
EAST NORTH CENTRAL-----	1	1	11	12	-	1	6	3	-	-	4	-
Ohio-----	1	-	7	10	-	-	3	2	-	-	2	-
Indiana-----	-	-	-	-	-	-	-	-	-	-	1	-
Illinois-----	-	1	2	1	-	1	2	1	-	-	-	-
Michigan-----	-	-	-	-	-	-	-	-	-	-	1	-
Wisconsin-----	-	-	2	1	-	-	1	-	-	-	-	-
WEST NORTH CENTRAL-----	-	1	1	5	-	-	1	3	-	1	3	9
Minnesota-----	-	-	1	3	-	-	1	3	-	-	3	1
Iowa-----	-	-	-	1	-	-	-	-	-	-	-	3
Missouri-----	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota-----	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota-----	-	1	-	1	-	-	-	-	-	1	-	2
Nebraska-----	-	-	-	-	-	-	-	-	-	-	-	2
Kansas-----	-	-	-	-	-	-	-	-	-	-	-	1
SOUTH ATLANTIC-----	-	-	5	29	-	-	4	23	-	-	1	1
Delaware-----	-	-	1	-	-	-	1	-	-	-	-	-
Maryland-----	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	-	-	-	-	-	-	-	-	-	-	-	1
West Virginia-----	-	-	-	2	-	-	-	2	-	-	1	-
North Carolina-----	-	-	2	11	-	-	2	11	-	-	-	-
South Carolina-----	-	-	-	1	-	-	-	1	-	-	-	-
Georgia-----	-	-	-	1	-	-	-	1	-	-	-	-
Florida-----	-	-	2	14	-	-	1	8	-	-	-	-
EAST SOUTH CENTRAL-----	-	-	7	2	-	-	-	1	-	-	3	-
Kentucky-----	-	-	7	2	-	-	-	1	-	-	-	-
Tennessee-----	-	-	-	-	-	-	-	-	-	-	-	-
Alabama-----	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi-----	-	-	-	-	-	-	-	-	-	-	3	-
WEST SOUTH CENTRAL-----	2	-	8	7	1	-	4	5	1	-	2	-
Arkansas-----	-	-	1	-	-	-	-	-	-	-	-	-
Louisiana-----	-	-	3	3	-	-	2	2	-	-	-	-
Oklahoma-----	-	-	-	-	-	-	-	-	-	-	-	-
Texas-----	2	-	4	4	1	-	2	3	1	-	2	-
MOUNTAIN-----	1	1	12	6	1	-	7	3	-	-	4	-
Montana-----	-	-	1	4	-	-	1	3	-	-	2	-
Idaho-----	-	1	2	2	-	-	-	-	-	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	1	-	3	-	1	-	3	-	-	-	2	-
New Mexico-----	-	-	-	-	-	-	-	-	-	-	-	-
Arizona-----	-	-	2	-	-	-	1	-	-	-	-	-
Utah-----	-	-	4	-	-	-	2	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	2	5	14	36	1	4	9	29	1	1	10	-
Washington-----	-	2	-	3	-	2	-	3	-	-	-	-
Oregon-----	-	-	1	7	-	-	1	3	-	-	1	-
California-----	2	3	13	25	1	2	8	22	1	1	9	-
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	1	-	-	-	1	-	-	-	-
Puerto Rico-----	-	1	1	9	-	1	1	9	-	-	-	-

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 13, 1960 AND FEBRUARY 11, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Diphtheria 055				Encephalitis, infectious		Hepatitis, infectious, and serum 092,N998.5 pt.				Measles	
	6th Week		Cumulative, first 6 weeks		082		6th Week		Cumulative, first 6 weeks		085	
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960
UNITED STATES-----	13	12	129	127	19	23	1,639	688	9,576	4,300	10,668	9,275
NEW ENGLAND-----	-	1	1	2	1	3	62	25	320	158	930	744
Maine-----	-	-	-	-	-	-	1	-	13	12	17	164
New Hampshire-----	-	-	-	-	-	-	-	-	9	-	15	5
Vermont-----	-	-	-	-	-	-	4	1	74	5	-	2
Massachusetts-----	-	1	1	1	1	-	33	7	105	79	485	565
Rhode Island-----	-	-	-	1	-	3	15	10	42	32	304	8
Connecticut-----	-	-	-	-	-	-	9	7	77	30	109	-
MIDDLE ATLANTIC-----	1	-	3	5	2	2	293	64	1,304	387	2,395	1,160
New York-----	1	-	2	1	2	2	103	30	581	181	1,268	933
New Jersey-----	-	-	-	-	-	-	60	6	206	27	339	154
Pennsylvania-----	-	-	1	4	-	-	130	28	517	179	788	73
EAST NORTH CENTRAL-----	1	-	2	11	1	7	333	112	1,894	740	3,447	2,443
Ohio-----	-	-	-	8	-	1	114	22	797	176	920	264
Indiana-----	-	-	-	1	-	3	72	19	235	103	188	198
Illinois-----	1	-	1	1	1	3	50	26	294	174	529	604
Michigan-----	-	-	1	1	-	-	80	33	514	226	416	839
Wisconsin-----	-	-	-	-	-	-	17	12	54	61	1,394	538
WEST NORTH CENTRAL-----	1	-	7	9	1	-	220	43	979	346	394	226
Minnesota-----	1	-	4	2	-	-	54	5	214	40	26	145
Iowa-----	-	-	1	1	-	-	60	10	214	72	159	48
Missouri-----	-	-	-	1	1	-	56	9	240	92	158	6
North Dakota-----	-	-	-	1	-	-	3	5	19	52	51	27
South Dakota-----	-	-	2	3	-	-	18	3	66	25	-	-
Nebraska-----	-	-	-	-	-	-	13	9	90	37	-	-
Kansas-----	-	-	-	1	-	-	16	2	136	28	NN	NN
SOUTH ATLANTIC-----	3	3	18	32	4	1	185	116	1,060	511	1,314	565
Delaware-----	-	-	-	-	-	-	9	7	31	22	158	-
Maryland-----	-	-	-	-	-	-	9	8	91	44	47	83
District of Columbia-----	-	-	-	-	-	-	-	2	7	5	-	48
Virginia-----	-	-	5	5	-	1	26	14	128	130	299	259
West Virginia-----	-	-	1	1	-	-	53	11	262	108	102	29
North Carolina-----	-	-	2	1	1	-	32	5	210	23	315	22
South Carolina-----	-	-	-	12	-	-	13	4	114	13	255	27
Georgia-----	-	-	3	2	1	-	17	37	106	63	4	1
Florida-----	3	3	7	11	2	-	26	28	111	103	134	96
EAST SOUTH CENTRAL-----	-	-	3	12	-	2	139	124	1,620	829	440	963
Kentucky-----	-	-	2	-	-	1	59	81	582	409	361	333
Tennessee-----	-	-	1	1	-	-	19	661	238	---	560	---
Alabama-----	-	-	-	6	-	-	48	21	261	145	69	43
Mississippi-----	-	-	-	5	-	1	32	3	116	37	10	27
WEST SOUTH CENTRAL-----	7	6	92	35	-	1	107	49	581	320	279	1,482
Arkansas-----	-	-	-	-	-	1	14	3	101	21	14	5
Louisiana-----	1	-	8	7	-	-	1	-	20	15	-	3
Oklahoma-----	-	-	2	4	-	-	16	3	67	45	2	9
Texas-----	6	6	82	24	-	-	76	43	393	239	263	1,465
MOUNTAIN-----	-	2	3	20	-	-	127	63	682	436	332	560
Montana-----	-	-	2	-	-	-	13	3	95	22	55	113
Idaho-----	-	-	-	11	-	-	6	14	45	65	66	148
Wyoming-----	-	1	-	5	-	-	4	2	9	4	20	-
Colorado-----	-	-	1	2	-	-	65	16	269	119	75	72
New Mexico-----	-	-	-	-	-	-	9	7	45	83	-	-
Arizona-----	-	-	-	-	-	-	---	16	52	92	---	74
Utah-----	-	1	-	2	-	-	22	5	141	45	86	112
Nevada-----	-	-	-	-	-	-	8	-	26	6	30	41
PACIFIC-----	-	-	-	1	10	7	173	92	1,136	573	1,137	1,132
Washington-----	-	-	-	-	1	-	18	17	129	65	162	409
Oregon-----	-	-	-	-	-	-	29	20	218	119	212	213
California-----	-	-	-	-	8	7	102	47	732	356	757	262
Alaska-----	-	-	-	1	1	-	24	1	45	15	3	6
Hawaii-----	-	-	-	-	-	-	-	7	12	18	3	242
Puerto Rico-----	-	1	-	24	-	-	18	21	33	126	14	21

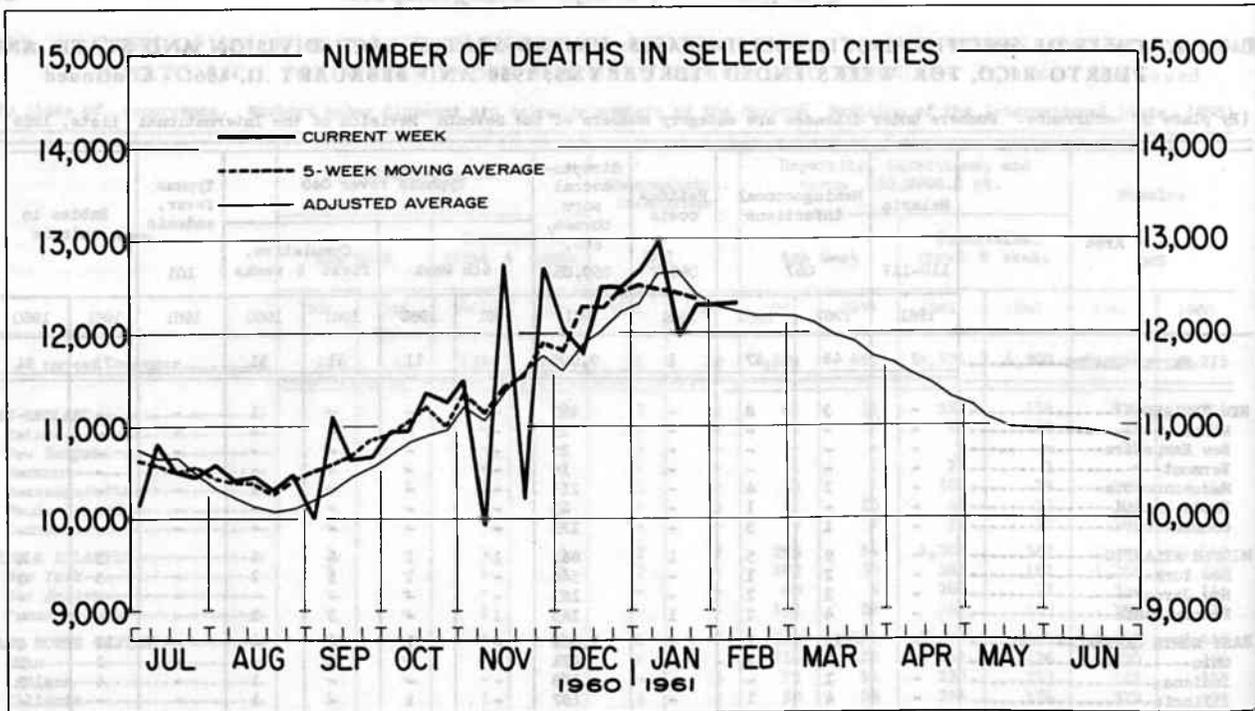
NN-Not Notifiable

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 13, 1960 AND FEBRUARY 11, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Malaria		Meningococcal infections		Psittacosis	Streptococcal sore throat, etc.	Typhoid fever 040				Typhus fever, endemic	Rabies in animals	
	110-117		057		096.2	050,051	6th Week		Cumulative, first 6 weeks		101	1961	1960
	1961	1961	1960	1961	1961	1961	1961	1960	1961	1960	1961	1961	1960
UNITED STATES-----	2	48	47	1	9,005	5	11	41	51	-	72	94	
NEW ENGLAND-----	-	3	8	-	483	-	-	-	1	-	-	-	
Maine-----	-	-	-	-	15	-	-	-	-	-	-	-	
New Hampshire-----	-	-	-	-	25	-	-	-	-	-	-	-	
Vermont-----	-	-	-	-	16	-	-	-	-	-	-	-	
Massachusetts-----	-	2	4	-	211	-	-	-	1	-	-	-	
Rhode Island-----	-	-	1	-	43	-	-	-	-	-	-	-	
Connecticut-----	-	1	3	-	173	-	-	-	-	-	-	-	
MIDDLE ATLANTIC-----	-	9	5	1	868	1	1	4	4	-	3	4	
New York-----	-	2	1	-	540	-	1	1	2	-	3	4	
New Jersey-----	-	3	2	-	163	-	-	-	-	-	-	-	
Pennsylvania-----	-	4	2	1	165	1	-	3	2	-	-	-	
EAST NORTH CENTRAL-----	-	11	7	-	1,488	-	1	4	4	-	11	4	
Ohio-----	-	3	2	-	471	-	-	2	-	-	2	1	
Indiana-----	-	1	-	-	188	-	-	-	1	-	4	2	
Illinois-----	-	4	1	-	197	-	1	-	1	-	-	-	
Michigan-----	-	3	4	-	432	-	-	1	2	-	5	-	
Wisconsin-----	-	-	-	-	200	-	-	1	-	-	-	1	
WEST NORTH CENTRAL-----	-	3	3	-	319	-	-	2	6	-	19	15	
Minnesota-----	-	-	3	-	21	-	-	-	-	-	-	1	
Iowa-----	-	-	-	-	82	-	-	-	-	-	9	7	
Missouri-----	-	1	-	-	22	-	-	2	6	-	6	5	
North Dakota-----	-	1	-	-	102	-	-	-	-	-	2	1	
South Dakota-----	-	-	-	-	1	-	-	-	-	-	2	-	
Nebraska-----	-	-	-	-	-	-	-	-	-	-	-	1	
Kansas-----	-	1	-	-	91	-	-	-	-	-	-	-	
SOUTH ATLANTIC-----	2	4	8	-	700	-	3	7	9	-	12	13	
Delaware-----	-	-	-	-	11	-	-	-	-	-	-	-	
Maryland-----	-	-	2	-	16	-	-	-	-	-	-	-	
District of Columbia-----	-	-	1	-	3	-	-	-	-	-	-	-	
Virginia-----	-	-	1	-	226	-	-	-	3	-	6	8	
West Virginia-----	-	-	-	-	273	-	-	1	-	-	5	2	
North Carolina-----	2	3	2	-	51	-	2	1	5	-	-	1	
South Carolina-----	-	-	-	-	29	-	-	1	-	-	-	1	
Georgia-----	-	-	2	-	2	-	-	3	-	-	1	1	
Florida-----	-	1	-	-	89	-	1	1	1	-	-	-	
EAST SOUTH CENTRAL-----	-	4	5	-	305	-	3	6	13	-	2	11	
Kentucky-----	-	1	1	-	223	-	-	1	3	-	1	3	
Tennessee-----	-	-	2	-	-	-	3	3	8	-	-	3	
Alabama-----	-	2	2	-	36	-	-	2	2	-	1	5	
Mississippi-----	-	1	-	-	46	-	-	-	-	-	-	-	
WEST SOUTH CENTRAL-----	-	5	7	-	1,236	2	3	5	7	-	21	41	
Arkansas-----	-	-	1	-	28	-	1	-	2	-	8	14	
Louisiana-----	-	2	2	-	8	-	2	1	2	-	3	2	
Oklahoma-----	-	2	-	-	15	-	-	1	1	-	-	2	
Texas-----	-	1	4	-	1,185	2	-	3	2	-	10	25	
MOUNTAIN-----	-	-	-	-	2,249	-	-	7	5	-	-	2	
Montana-----	-	-	-	-	94	-	-	1	4	-	-	-	
Idaho-----	-	-	-	-	321	-	-	-	-	-	-	-	
Wyoming-----	-	-	-	-	154	-	-	-	-	-	-	-	
Colorado-----	-	-	-	-	889	-	-	4	-	-	-	1	
New Mexico-----	-	-	-	-	538	-	-	1	1	-	-	1	
Arizona-----	-	-	-	-	-	-	-	-	-	-	-	-	
Utah-----	-	-	-	-	247	-	-	1	-	-	-	-	
Nevada-----	-	-	-	-	6	-	-	-	-	-	-	-	
PACIFIC-----	-	9	4	-	1,357	2	-	6	2	-	4	4	
Washington-----	-	1	-	-	715	-	-	1	-	-	-	-	
Oregon-----	-	-	1	-	83	-	-	-	-	-	-	-	
California-----	-	7	3	-	461	2	-	5	2	-	4	4	
Alaska-----	-	1	-	-	87	-	-	-	-	-	-	-	
Hawaii-----	-	-	-	-	11	-	-	-	-	-	-	-	
Puerto Rico-----	-	1	1	-	3	-	1	-	7	-	-	-	



The chart shows the number of deaths reported for 117 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week, and an adjusted average for comparison. For each region the adjusted average was computed as follows: From the total deaths reported each week for the years 1956-1960, 3 central figures were selected by eliminating the highest and lowest figure reported for that week. A 5-week moving average of the arithmetic mean of the 3 central figures was then computed with adjustment to allow for population growth in each region. The average value of the regional increases was 2 percent which was incorporated in the adjusted average shown in the chart.

Table 4 shows the number of death certificates re-

ceived during the week indicated for deaths that occurred in selected cities. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week, an estimate is used.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4.)

Area	6th week ended Feb. 11, 1961	5th week ended Feb. 4, 1961	Adjusted average, 6th week 1956-60	Percent change, adjusted average to current week	Cumulative, first 6 weeks		
					1961	1960	Percent change
TOTAL, 117 REPORTING CITIES-----	12,318	12,275	12,228	+0.7	74,526	79,398	-6.1
New England----- (14 cities)	791*	734	735	+7.6	4,608	5,187	-11.2
Middle Atlantic----- (20 cities)	3,320*	3,611	3,339	-0.6	20,956	21,090	-0.6
East North Central----- (21 cities)	2,708	2,479	2,618	+3.4	15,674	17,390	-9.9
West North Central----- (9 cities)	946	809	898	+5.3	5,022	5,385	-6.7
South Atlantic----- (11 cities)	1,045*	1,069	1,060	-1.4	6,657	6,942	-4.1
East South Central----- (8 cities)	565	586	554	+2.0	3,465	3,598	-3.7
West South Central----- (15 cities)	1,116	1,145	1,107	+0.8	6,654	7,194	-7.5
Mountain----- (8 cities)	383	379	367	+4.4	2,272	2,361	-3.8
Pacific----- (15 cities)	1,444*	1,463	1,550	-6.8	9,218	10,251	-10.1

\*Includes estimate for missing reports.

# Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	6th week ended Feb. 11, 1961	5th week ended Feb. 4, 1961	Cumulative, first 6 weeks		Area	6th week ended Feb. 11, 1961	5th week ended Feb. 4, 1961	Cumulative, first 6 weeks	
			1961	1960				1961	1960
<b>NEW ENGLAND:</b>					<b>WEST NORTH CENTRAL--Con.:</b>				
Boston, Mass.-----	260	276	1,613	1,746	St. Louis, Mo.-----	282	249	1,501	1,679
Bridgeport, Conn.-----	45*	35	264	282	St. Paul, Minn.-----	84	73	426	513
Cambridge, Mass.-----	41	26	189	224	Wichita, Kans.-----	52	40	285	290
Fall River, Mass.-----	28	26	154	208	<b>SOUTH ATLANTIC:</b>				
Hartford, Conn.-----	51	49	303	350	Atlanta, Ga.-----	127	155	814	815
Lowell, Mass.-----	19	33	149	161	Baltimore, Md.-----	259	251	1,594	1,774
Lynn, Mass.-----	30	21	142	172	Charlotte, N.C.-----	42*	39	236	298
New Bedford, Mass.-----	25	23	174	192	Jacksonville, Fla.-----	51	50	415	423
New Haven, Conn.-----	55	45	298	334	Miami, Fla.-----	74	76	456	540
Providence, R.I.-----	74	53	391	471	Norfolk, Va.-----	52	51	307	330
Somerville, Mass.-----	15	12	75	112	Richmond, Va.-----	93	80	557	554
Springfield, Mass.-----	56	50	320	369	Savannah, Ga.-----	41	43	252	249
Waterbury, Conn.-----	27	24	169	171	St. Petersburg, Fla.-----	(95)	(76)	(500)	(508)
Worcester, Mass.-----	65	61	367	395	Tampa, Fla.-----	75	64	467	414
<b>MIDDLE ATLANTIC:</b>					Washington, D.C.-----	207	220	1,308	1,274
Albany, N.Y.-----	46*	58	330	256	Wilmington, Del.-----	24	40	251	271
Allentown, Pa.-----	36	40	224	211	<b>EAST SOUTH CENTRAL:</b>				
Buffalo, N.Y.-----	151	128	895	1,034	Birmingham, Ala.-----	81	92	570	587
Camden, N.J.-----	38	49	250	312	Chattanooga, Tenn.-----	42	69	338	323
Elizabeth, N.J.-----	29	49	197	172	Knoxville, Tenn.-----	46	31	201	220
Erie, Pa.-----	43	41	249	233	Louisville, Ky.-----	123	121	739	769
Jersey City, N.J.-----	64	99	479	498	Memphis, Tenn.-----	131	140	763	709
Newark, N.J.-----	117	116	673	630	Mobile, Ala.-----	43	41	265	285
New York City, N.Y.-----	1,687*	1,761	10,555	10,408	Montgomery, Ala.-----	35	27	217	247
Paterson, N.J.-----	48	40	252	269	Nashville, Tenn.-----	64	65	372	458
Philadelphia, Pa.-----	560	598	3,339	3,199	<b>WEST SOUTH CENTRAL:</b>				
Pittsburgh, Pa.-----	125	264	1,217	1,497	Austin, Tex.-----	48	29	231	261
Reading, Pa.-----	28	26	150	155	Baton Rouge, La.-----	30	29	215	188
Rochester, N.Y.-----	106	104	670	719	Corpus Christi, Tex.-----	28	26	167	204
Schenectady, N.Y.-----	27	24	152	160	Dallas, Tex.-----	130	137	803	836
Scranton, Pa.-----	46	42	248	271	El Paso, Tex.-----	45	37	252	306
Syracuse, N.Y.-----	58	66	376	426	Fort Worth, Tex.-----	89	76	417	453
Trenton, N.J.-----	45	51	282	250	Houston, Tex.-----	163	221	1,163	1,209
Utica, N.Y.-----	28	31	204	188	Little Rock, Ark.-----	55	60	357	414
Yonkers, N.Y.-----	38	24	214	202	New Orleans, La.-----	187	215	1,128	1,202
<b>EAST NORTH CENTRAL:</b>					Oklahoma City, Okla.-----	89	85	536	556
Akron, Ohio-----	76	52	384	378	San Antonio, Tex.-----	100	125	672	805
Canton, Ohio-----	38	29	192	248	Shreveport, La.-----	67	42	331	332
Chicago, Ill.-----	810	817	4,766	5,409	Tulsa, Okla.-----	85	63	382	428
Cincinnati, Ohio-----	183	142	1,025	1,133	<b>MOUNTAIN:</b>				
Cleveland, Ohio-----	214	195	1,323	1,556	Albuquerque, N. Mex.-----	32	34	197	214
Columbus, Ohio-----	114	122	728	813	Colorado Springs, Colo.-----	18	16	106	121
Dayton, Ohio-----	103	97	558	496	Denver, Colo.-----	109	118	703	832
Detroit, Mich.-----	363	310	2,085	2,477	Ogden, Utah-----	12	15	86	114
Evansville, Ind.-----	43	39	223	227	Phoenix, Ariz.-----	96	93	541	464
Flint, Mich.-----	49	43	268	261	Pueblo, Colo.-----	19	16	96	86
Fort Wayne, Ind.-----	46	37	255	260	Salt Lake City, Utah-----	57	48	301	321
Gary, Ind.-----	36	25	192	203	Tucson, Ariz.-----	40	39	242	209
Grand Rapids, Mich.-----	56	35	277	291	<b>PACIFIC:</b>				
Indianapolis, Ind.-----	163	131	913	874	Berkeley, Calif.-----	11	11	93	116
Madison, Wis.-----	39	19	182	193	Fresno, Calif.-----	(51)	(45)	(267)	(360)
Milwaukee, Wis.-----	139	136	802	859	Glendale, Calif.-----	(---)	(34)	(---)	(299)
Peoria, Ill.-----	34	23	184	200	Honolulu, Hawaii-----	27	41	254	255
Rockford, Ill.-----	34	23	169	189	Long Beach, Calif.-----	55	57	376	373
South Bend, Ind.-----	28	28	178	209	Los Angeles, Calif.-----	537	503	3,346	3,970
Toledo, Ohio-----	89	110	622	733	Oakland, Calif.-----	98	105	658	650
Youngstown, Ohio-----	51	66	348	381	Pasadena, Calif.-----	47	35	203	252
<b>WEST NORTH CENTRAL:</b>					Portland, Ore.-----	96	99	609	686
Des Moines, Iowa-----	56	62	321	363	Sacramento, Calif.-----	58*	91	416	465
Duluth, Minn.-----	31	23	171	193	San Diego, Calif.-----	102	73	549	686
Kansas City, Kans.-----	42	40	252	237	San Francisco, Calif.-----	200	228	1,351	1,404
Kansas City, Mo.-----	158	126	837	840	San Jose, Calif.-----	(31)	(35)	(201)	(179)
Lincoln, Nebr.-----	(20)	(24)	(178)	(179)	Seattle, Wash.-----	131	128	820	840
Minneapolis, Minn.-----	146	124	788	779	Spokane, Wash.-----	40	51	278	280
Omaha, Nebr.-----	95	72	441	491	Tacoma, Wash.-----	42*	41	265	274
					San Juan, P. R.-----	(36)	(38)	(208)	(---)

\*Estimate - based on average percentage of divisional total.

( ) Figures shown in parenthesis are from cities which have been reporting less than five years and hence are not included in Table 3.

## SOURCE AND NATURE OF MORBIDITY DATA

in the comparable week last year, only 36 deaths were attributed to influenza. These figures are from the Weekly Influenza Statement (No. 6) issued by the British Ministry of Health. Increases in the number of deaths due to pneumonia and bronchitis are also noted; the number of deaths due to pneumonia, influenza, and bronchitis this week totaled 5,168 as compared with 1,423 in the comparable week last year.

Dr. Edward O'Rourke, Epidemiological Consultant, Division of Foreign Quarantine, USPHS, London, reports that seventy-five percent of the deaths this week occurred in persons 65 years and older. He also reports that isolations continue to show the presence of A<sub>2</sub> influenza virus in England; but there has been no evidence of epidemic influenza on the European Continent.

**Venezuela**

A report from WHO indicates the presence of plague infested rats in an area of one thousand square kilometers located south of Caracas which has been endemic for rodent plague. No human cases have been reported.

These provisional data are based on reports to the Public Health Service from the health departments of each State and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Total figures for the United States and the Pacific Division include data for the States of Alaska and Hawaii. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence are reported by a State (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.

QUARANTINE MEASURES

Immunization Information for International Travel - 1960 edition  
Public Health Service Publication No. 384

The following corrections should be made to the list of Yellow Fever Vaccination Centers in Section 6, page 69:

<u>City</u>	<u>Center</u>	<u>Clinic Hours</u>	<u>Fee</u>
Tennessee Nashville	Davidson County Department of Public Health, 311-23rd Avenue, North Tel. CYPress 1-5100	Wednesday by appoint- ment only	Yes

**CUBA - SMALLPOX VACCINATION REQUIREMENT**

All travelers arriving from Cuba after January 14, 1961, will be required to show evidence of valid vaccination for smallpox. The application of this quarantine regulation to travelers from Cuba was announced January 10 by Dr. Leroy Burney, Surgeon General.

Areas exempt from quarantine are: Canada, the Canal Zone, the West Coast of Lower California, and the islands of Greenland, Iceland, the Bahama, Bermuda and British Virgin Islands, St. Pierre, Miguelon, Aruba, Curacao, and Jamaica.

U. S. DEPARTMENT OF  
HEALTH, EDUCATION, AND WELFARE  
PUBLIC HEALTH SERVICE  
Communicable Disease Center  
Atlanta 22, Georgia  
Official Business



U. S. DEPARTMENT OF H. E. W.